|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **A** | 2000 | |  | 2002 | |  | **B** | 2000 | |  | 2002 | |
|  | MD | p |  | MD | p |  |  | MD | p |  | MD | p |
| 2002 | 0.669 | 0.272 |  | - | - |  | 2002 | 3.165 | 0.343 |  | - | - |
| 2003 | 0.709 | 0.190 |  | 0.004 | 0.992 |  | 2003 | 2.944 | 0.267 |  | 5.763 | 0.086 |

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **C** | Correlation | DDP | HYD | Ba | CS | S&C | PW | OM | N | P |  |
| *S. nkossa* sp. nov. | Pearson | -0.363 | **0.469** | **0.730** | -0.350 | 0.125 | -0.303 | **0.432** | 0.142 | **-0.541** |  |
| p | 0.058 | **0.05** | **<0.0001** | 0.068 | 0.525 | 0.117 | **0.022** | 0.470 | **0.003** |  |
| *S. parva* | Pearson | -0.285 | -0.261 | -0.182 | -0.019 | 0.194 | 0.171 | -0.268 | 0.245 | 0.165 |  |
| p | 0.142 | 0.179 | 0.355 | 0.925 | 0.322 | 0.386 | 0.168 | 0.209 | 0.402 |  |
| *Capitella* sp. | Pearson | -0.295 | 0.139 | **0.439** | **-0.505** | **0.456** | -0.071 | -0.020 | **0.457** | **-0.537** |  |
| p | 0.128 | 0.481 | **0.020** | **0.006** | **0.015** | 0.781 | 0.920 | **0.015** | **0.003** |  |
| *P. trionyx* | Pearson | -0.242 | -0.052 | 0.223 | -0.137 | 0.082 | 0.163 | -0.039 | 0.301 | -0.274 |  |
| p | 0.214 | 0.792 | 0.255 | 0.487 | 0.677 | 0.406 | 0.845 | 0.120 | 0.159 |  |
| *Raricirrus* sp. | Pearson | -0.200 | **0.596** | **0.558** | -0.035 | -0.195 | -0.170 | -0.028 | 0.156 | -0.220 |  |
| p | 0.307 | **0.001** | **0.002** | 0.860 | 0.320 | 0.387 | 0.889 | 0.428 | 0.260 |  |
| *O. berrisfordi* | Pearson | -0.226 | 0.368 | **0.540** | -0.244 | 0.147 | -0.035 | -0.114 | 0.138 | -0.148 |  |
| p | 0.247 | 0.054 | **0.003** | 0.211 | 0.456 | 0.859 | 0.562 | 0.483 | 0.452 |  |
| *L. sebastiena* | Pearson | -0.159 | **0.665** | **0.422** | -0.047 | -0.315 | **-0.506** | **0.811** | -0.093 | -0.303 |  |
| p | 0.420 | **0.000** | **0.025** | 0.814 | 0.102 | **0.006** | **< 0.0001** | 0.639 | 0.117 |  |
| Ampharetidae sp. | Pearson | **-0.387** | **0.431** | **0.497** | **-0.498** | 0.344 | 0.041 | 0.058 | **0.426** | **-0.554** |  |
| p | **0.042** | **0.022** | **0.007** | **0.007** | 0.073 | 0.835 | 0.769 | **0.024** | **0.002** |  |